

Abstract

Strobe Flash Photographic Illumination

5 The present invention relates to a camera (102) with
strobe flash illumination (116) for capturing an image of
an object (6), and to a document scanning system (101) and
method of using such a camera (102) to capture an image of
a document (6). The camera (102) comprises an image
10 capture means, an objective lens (114) with a field of
view (118) to image optical radiation (119) from an object
plane (8) onto the image capture means (52), a strobe
flash (116) for illuminating the object plane (8),
electronic pulse circuitry to pulse the strobe flash (116)
15 at a rate which is sufficiently quick that the
illumination appears to a user of the camera (102) to be
substantially steady owing to persistence of vision, and a
shutter means (104) to synchronise the capture of one or
more images by the image capture means, each image being
20 captured with at least one pulse from the strobe flash.
The shutter means (104) is adapted to capture images at a
rate substantially below the rate at which the strobe
flash (116) is pulsed.

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Figure 2